

Title (en)  
Implantable bio-resorbable polymer

Title (de)  
Implantierbare biologisch abbaubares Polymer

Title (fr)  
Polymère implantable biorésorbable

Publication  
**EP 2475695 A1 20120718 (EN)**

Application  
**EP 10750132 A 20100909**

Priority  
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• US 24118309 P 20090910  
• EP 2010063227 W 20100909  
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Abstract (en)  
[origin: EP2295480A1] The present invention relates to a polymer obtained from the polymerization of: (i) at least one monomer of formula (I)   
#####(CH<sub>2</sub>=CR<sub>1</sub>)CO-K#####(I) wherein: - K represents O-Z or NH-Z, Z representing (CR<sub>2</sub>R<sub>3</sub>) m-CH<sub>3</sub>, (CH<sub>2</sub>-CH<sub>2</sub>-O) m-OH, (CH<sub>2</sub>-CH<sub>2</sub>-O) m-OCH<sub>3</sub>, (CH<sub>2</sub>) m-NR<sub>4</sub>R<sub>5</sub> with m representing an integer from 1 to 30; - R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> independently represent H or a C1-C6 alkyl; and (ii) at least one bio-resorbable block copolymer cross-linker.

IPC 8 full level  
**C08F 290/06** (2006.01); **A61K 47/48** (2006.01)

CPC (source: EP KR US)  
**A61K 47/50** (2017.08 - KR); **A61K 47/58** (2017.08 - EP US); **A61K 47/6925** (2017.08 - EP US); **A61P 9/00** (2018.01 - EP); **A61P 29/00** (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **C08F 290/06** (2013.01 - KR); **C08F 290/061** (2013.01 - EP US); **C08F 290/062** (2013.01 - EP US); **C08F 299/02** (2013.01 - KR); **C08G 81/00** (2013.01 - KR); **C08L 55/005** (2013.01 - EP US); **C08L 2205/02** (2013.01 - EP US)

C-Set (source: EP US)  
**C08L 55/005** + **C08L 2666/24**

Cited by  
US10227463B2; US11104772B2; US9688788B2; US10118980B1; US10519264B2; US11261274B2; US9938367B2; US10144793B2; US11135167B2; US11786630B2; US9907880B2; US10155064B2; US10543295B2; US10792390B2; US11857694B2; US10201632B2; US10328175B2; US10632226B2; US10729805B2; US11110198B2; US11617814B2; US11759545B2

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DOCDB simple family (publication)  
**EP 2295480 A1 20110316**; AU 2010294246 A1 20120405; AU 2010294246 B2 20141204; BR 112012005280 A2 20201027; BR 112012005280 B1 20211005; BR 112012005280 B8 20211026; CA 2773499 A1 20110317; CA 2773499 C 20171205; CN 102597030 A 20120718; CN 102597030 B 20131106; EP 2475695 A1 20120718; EP 2475695 B1 20140402; ES 2472426 T3 20140701; IN 2064DEN2012 A 20150821; JP 2013504538 A 20130207; JP 5792729 B2 20151014; KR 101585588 B1 20160114; KR 20120099006 A 20120906; SG 179057 A1 20120427; US 2012230937 A1 20120913; US 9320804 B2 20160426; WO 2011029867 A1 20110317; ZA 201201752 B 20121128

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